



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० ३०] नई विल्सो, शनिवार, जुलाई 27, 1985 (श्रावण ५, १९०७)

No. 30] NEW DELHI, SATURDAY, JULY 27, 1985 (SRAVANA 5, 1907)

इस भाग में चिन्ह पृष्ठ संख्या दी जाती है, जिससे कि यह अस्तग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

#### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Calcutta, the 27th July, 1985

#### ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below:—

Patent Office Branch,  
Todi Estate, III Floor,  
Lower Parel (West),  
Bombay-400013.

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,  
Un't No. 401 to 405, III Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,  
61, Wallajah Road,  
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Keraya, Tamil Nadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
214, Acharya Jagadish Bose Road,  
Calcutta-700 017.  
Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patent Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

**Fees:** The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

**MINISTRY OF INDUSTRY & COMPANY AFFAIRS  
(DEPARTMENT OF INDUSTRIAL DEVELOPMENT)**

**EXTRAORDINARY NOTIFICATION**

Published in Part II—Section 3

Sub-section (ii) of the Gazette of India

New Delhi, the 6th June 1985

S. O. 448(E)—Whereas a draft of certain rules were published as required by sub-section (2) of section 77 of the Designs Act, 1911 (2 of 1911) by the notification of the Government of India, in the S. O. 2116, dated the 15th June, 1984, at pages 1993 to 1999/26 of the Gazette of India, Part-II-Section 3 Sub-Section (ii), dated the 30th June, 1984;

And whereas objections and suggestions were invited till the 28th August, 1984 from all persons likely to be affected thereby;

And whereas the draft of these rules was made available to the public through the said Gazette dated the 30th June, 1984;

And whereas the objections and suggestions received from the public on the said draft rules have been considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) of section 57 read with section 77 of the Designs Act, 1911 (2 of 1911), the Central Government hereby makes the following rules, further to amend the Designs Rules, 1933, namely :—

1. (1) These rules may be called the Designs (Amendment) Rules, 1985.
- (2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Designs Rules, 1933 (hereinafter referred to as the said rules) for First Schedule, the following Schedule shall be substituted, namely :—

**THE FIRST SCHEDULE**

(Vide Section 57)

*Fees*

No. of entry	On what payable	No. of Form	Proper fee
1	2	3	4
1.	On notice of intended exhibition or publication of an unregistered design under section 52 . . .	14	25·00
2.	On request to register design under section 43 or 78A . . .	15,16	30·00
3.	On request to register design under section 43 to be applied to a set in Class . . .	17	30·00
4.	On request for written decision under rule 41 . . .	18	25·00
5.	On request to extend copyright under section 47 . . .	19	50·00 Second period of 5 years. 75·00 Third period of 5 years.

Note—This fee may be paid in advance.

1	2	3	4
For designs already registered, the fee for extension of copy-right shall be—			
	for second period of 5 years . . .	10·00	
	for third period of 5 years . . .	10·00	
6.	On request to inspect under section 50 . . . . .	5·00	
7.	On request for information under section 51 when registration number is supplied . . . . .	20	10·00
8.	On request for information under section 51 when registration number is not supplied . . . . .	21	50·00
9.	On request for inspection of the register under section 59 . . . . .	—	5·00
10.	On request for certificate under section 59 . . . . .	29	25·00
An additional fee of 25p. for every words or part thereof will be charged for preparing typed copies. Copies of representation will be charged according to the nature of the copies (Xerox or photocopy) . . . . .			
11.	For supply of photocopies of documents—	—	
	For direct negative Rs. 4/- per page of full size 13"×8" or 33·0 cm. × 20·3 cm. . . . .	7·00	
	For positive copy Rs. 7/- per page of full size 13"×8" or 33·0 cm × 20·3 cm. . . . .	—	7·00
12.	For supply of Xerox copies of documents per page. . . . .	—	1·00
13.	For certifying office copies, MSS or printed each . . . . .	—	5·00
14.	On request to correct under section 62 . . . . .	28	15·00
15.	On application to the Controller for cancellation of registration of design under section 51A . . . . .	22	50·00
16.	On notice of intention to attend hearing under rule 48 . . . . .	7	50·00
17.	On application under section 63 for entry of name of subsequent proprietor in the Register of Designs, if made within six months from the date of acquisition of proprietorship . . . . .	25	
	in respect of one design . . . . .	25·00	
	for each additional design . . . . .	10·00	
18.	On application under section 63 for entry of name of subsequent proprietor in the Register of Designs, if made after expiration of six months from the date of acquisition of proprietorship . . . . .	25	
	in respect of one design . . . . .	50·00	
	for each additional design . . . . .	10·00	
19.	On application under section 63 for entry of notice of a mortgage or licence in the Register of Designs, if made within six months from the date of acquisition of interest . . . . .	26	
	in respect of one design . . . . .	25·00	
	for each additional design . . . . .	10·00	

1	2	3	4	
20.	On application under section 63 for entry of notice of a mortgage or licence in the Register of Designs, if made after expiration of six months from date of acquisition of interest— in respect of one design . . . . . for each additional design . . . . .	26	50·00 10·00	(j) in Form 20, for the heading "Fee Rs. 2/-", the heading "Fee Rs. 10/-", shall be substituted; (k) in Form 21, for the heading "Fee Rs. 10/-", the heading "Fee Rs. 50/-", shall be substituted; (l) in Form 22, for the heading "Fee Rs. 5/-", the heading "Fee Rs. 50/-" shall be substituted; (m) in Form 23, for the heading "Fee Re. 1/-", the heading "Fee Rs. 5/-" shall be substituted; (n) in Form 24, for the heading "Fee Rs. 2/-", the heading "Fee Rs. 10/-" shall be substituted; (o) in Form 25, at footnote, at line 8, for "Rs. 5/-", "Rs. 25/-" shall be substituted, in line 9, for "Rs. 2/-", "Rs. 10/-" shall be substituted, in line 12, for "Rs. 20/-", "Rs. 50/-" shall be substituted and in line 13, for "Rs. 2/-", "Rs. 10/-" shall be substituted;
21.	On application under section 63 for entry of notification of a document in the Register of Designs, if made within six months from date of document the registration of the design— in respect of one design . . . . . for each additional design . . . . .	27	25·00 10·00	(p) in Form 26 at foot note, at line 8 for "Rs. 5/-", "Rs. 25/-" shall be substituted, in line 9, for "Rs. 2/-", "Rs. 10/-" shall be substituted, in line 12 for "Rs. 20/-", "Rs. 50/-" shall be substituted and in line 13, for "Rs. 2/-", "Rs. 10/-" shall be substituted; (q) in Form 27, at footnote at line 4, for "Rs. 5/-", "Rs. 25/-" shall be substituted, in line 5, for "Rs. 2/-", "Rs. 10/-" shall be substituted, in line 8, for "Rs. 20/-", "Rs. 50/-" shall be substituted, and in line 9, for "Rs. 2/-", "Rs. 10/-" shall be substituted; (r) in Form 28, for the heading "Fee Rs. 5/-", the heading "Fee Rs. 15/-" shall be substituted; (s) in Form 29(i), for the heading "Fee Rs. 5/-", the heading "Fee Rs. 25/-", shall be substituted; (ii) for the existing foot note, the following shall be substituted, namely :— "An additional fee of 25P. for every 100 words part thereof will be charged for preparing type copies. Copies of representation will be charged according to the nature of copies (Xerox or photo copy).";
22.	On application under section 63 for entry of notification of a document in the Register of Designs, if made after expiration of six months from date of document the registration of the designs— in respect of one design . . . . . for each additional design . . . . .	27	50·00 10·00	(t) in Form 30 for the heading "Fee Rs. 10/-", the heading "Fee Rs. 50/-" shall be substituted;
23.	On request to alter name, addresses or address for service in Register under rule 53 . . . . .	23	5·00	4. For the Fifth Schedule to the said rules, the following shall be substituted, namely :—
24.	For entry of two addresses for service in Register under section 46 . . . . .	24	10·00	"THE FIFTH SCHEDULE
25.	On application for rectification of Register under section 64 . . . . .	30	50·00	SCALE OF COSTS ALLOWABLE IN PROCEEDINGS BEFORE THE CONTROLLER (rule 63 C)
26.	On notice of opposition to the rectification of the Register under rule 61 . . . . .	6	50·00	
27.	On notice of intention to attend hearing under rule 61, by applicant and opponent respectively . . . . .	7	50·00	
28.	On a petition (not otherwise charged) for review of Controller's order or for obtaining Controller's orders on an interlocutory matter in a contested proceeding . . . . .	25·00		
29.	On appeal from the Controller to the Central Government under section 43 or 69 . . . . .	5	50·00	
3. In the Second Schedule to the said rules,—				
(a) in Form 5, for the heading "Fee Rs. 30/-", the heading "Fee Rs. 50/-" shall be substituted;				
(b) in Form 6, for the heading "Fee Rs. 5/-", the heading "Fee Rs. 50/-" shall be substituted;				
(c) in Form 7, for the heading "Fee Rs. 10/-", the heading "Fee Rs. 50/-" shall be substituted;				
(d) in Form 14, for the heading "Fee Rs. 5/-", the heading "Fee Rs. 25/-" shall be substituted;				
(e) in Form 15, for the heading "Fee Rs. 3/-", the heading "Fee Rs. 30/-" shall be substituted;				
(f) in Form 16, for the heading "Fee Rs. 3/-", the heading "Fee Rs. 30/-" shall be substituted;				
(g) in Form 17, for the heading "Fee Rs. 3/-", the heading "Fee Rs. 30/-" shall be substituted;				
(h) in Form 18, for the heading "Fee Rs. 5/-", the heading "Fee Rs. 25/-" shall be substituted;				
(i) in Form 19(i) for the heading "Fee Rs. 10/-", the heading "Fee-second period of 5 years Rs. 50/- third period of 5 years Rs. 75/-" shall be substituted;				
(ii) the following foot note shall be inserted, namely :— "This fee may be paid in advance. For design already registered the fee for extension of copy-right shall be—				
for second period of 5 years Rs. 10·00 for third period of 5 years Rs. 10·00				

[No. 8(25)/83-PP&amp;C]

S.K. LAL  
Joint Secy.

## SPECIAL NOTICE

Additional address for the Patent Office Calcutta from where main functions are being carried out is given below:—

'The Patent Office,  
2nd M. S. Building,  
(5th, 6th & 7th Floor),  
Nizam Palace,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

## CORRIGENDUM

In the Gazette of India, Part III—Section 2, dated 16th February 1985 under the heading "Complete Specification Accepted".

In page—199, Column 2, against No. 155586 line—10 for "Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta" read "Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17.

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

19th June, 1985

455|Cal|85. Kraftwerk Union Aktiengesellschaft. Plant for intermediate storage of gas.

21st June, 1985

456|Cal|85. Kanegafuchi Kagaku Kogyo Kabushiki Kaisha and Shimadzu Corporation. Glow-Discharge Decomposition Apparatus.

457|Cal|85. Westinghouse Electric Corporation. Digital Message format for two-way communication and control network.

458|Cal|85. Westinghouse Electric Corporation. Multipurpose Digital Ic for communication and control network.

459|Cal|85. GAF Corporation. Glass Melter.

460|Cal|85. SKF Textilmaschinen-Komponenten GmbH. Spinning or twisting element with individual drive.

461|Cal|85. Metacon AG. Swivel sleeve for the spout of metallurgical vessels.

462|Cal|85. Metacon AG. Process of casting a metallic smelt.

464|Cal|85. Metacon AG. Fire-proof pair of plates for swivel locks or rotary slide locks.

465|Cal|85. United Technologies Corporation. Abrasive surfaced article for high temperature service.

24th June, 1985

466|Cal|85. Shanker Prasad Mishra; Nayantara Pathak; Chitra Mishra; Abha Mishra Improvements in or relating to the helicopter.

467|Cal|85. Sushil Kumar Goel. Improvements in or relating to an apparatus for removal of impurities from liquid media.

468|Cal|85. Celanese Corporation. Process for producing 4-hydroxyacetophenone.

469|Cal|85. Siemens Aktiengesellschaft. Electrical insulator column.

470|Cal|85. Armour Pharmaceutical Company. High-density antacid powders.

25th June, 1985

471|Cal|85. Usha Atlas Hydraulic Equipment Limited. Unloader cum weigh bridge system for containers, carriers and trucks.

472|Cal|85. Usha Atlas Hydraulic Equipment Limited. Unloaders for containers, carriers or trucks.

473|Cal|85. Ciments De Champagnole. Process for manufacturing hydraulic binders.

74|Cal|85. Isover Saint-Cobain. Longitudinal cutting of a tubular fibrous product.

475|Cal|85. (1) Korf Engineering GMBH, (2) Voest-Alpine Aktiengesellschaft. Apparatus for cooling a hot product gas.

476|Cal|85. Krings International GMBH & Co. KG. cribbing device for trenches.

26th June, 1985

477|Cal|85. Fidia S.p.A. New Ganglioside Derivatives.

478|Cal|85. Neil Howard Joseph. Aqueous Humous Drainage Device. (28th June 1985, 15th October 1984, 30th November 1984 and 26th February 1985 U.K.)

479|Cal|85. Societe D'Applications Generales D'Electricite Et De Mecanique (Sagem). One piece shaft bearing arrangement for spring catch mounting.

480|Cal|85. Gustav Schade Maschinensfabrik GmbH & Co. Bridge apparatus for stripping stockiles of bulk material.

481|Cal|85. Aluminium Pechiney. Purification of solutions of sodium aluminate in the bayer cycle by the removal of sodium oxalate.

482|Cal|85. Siemens Aktiengesellschaft. Circuitry to monitor a thyristor.

## APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING, IIRD FLOOR, KAROL BAGH, NEW DELHI-5.

27th May, 1985

425|Delhi|85. Frederic Dietrick, "Method of transferring pulvulent or pasty, products from a tank, and apparatus therefore."

426|Del|85. Erich Rabe, "Electronically commutated DC machine and use thereof".

28th May, 1985

427|Del|85. Firmenich SA, "Detergent article having softening action and process for its preparation".

428|Del|85. Pyrament, INC., "Early high-strength mineral polymer." (Convention date February 1, 1985) (Canada).

429|Del|85. Compair Broomwade Ltd. (formerly Compair Industrial Limited), "Screw rotor machines". (Convention date May 29, 1984) (U.K.).

430|Del|85. Council of Scientific and Industrial Research, "New delivery system with different kinds of novel dispensers for controlled release of aquatic larvicides".

29th May, 1985

431|Del|85. Stein Industrie, "A vertical tube heat exchanger panel for waste-recovery boilers such as black liquid boilers or household waste incinerator furnaces, and method of manufacture".

432|Del|85. Stein Industrie, "A Centrifuging mixture separator".

433|Del|85. Draper Development Corporation Pty. Ltd., "Diaphragm pump".

30th May, 1985

434|Del|85. Pfizer Inc., "Process and intermediates for sorbinil".

435|Del|85. Societe Nationale Industrielle Aerospatiale, "A plume diluter diverter assembly for a turbine engine of a heavier than air machine".

31st May, 1985

436|Del|85. Amoco Corporation, "Etched metal electrodes and their use in nonaqueous electrochemical cells".

437|Del|85. Colgate-Palmolive Company, "Inhibition of tumor development".

438|Del|85. Chesebreugh-Pond's Inc., "Nail polish compositions and means for applying same". (Convention date arch 22, 1985) (Newzealand).

439|Del|85. Bal Krishan Gupta, "A leakproof dust cap and pilferproof cap assembly for L P Gas, Pin Type, Cylinder valve".

1st June, 1985

440|Del|85. Trinath Khera, "Readyknot neckties".

441|Del|85. Brij Kishore Gupta, "Cinema slide (Silent)".

442|Del|85. Steel Authority of India Ltd., "Specification and symbolisation of copper coated steel wire electrode for manufacturing spirally welded api 5lxs52 grade line pipe".

3rd June 1985

443|Del|85. Bethlehem Steel Corporation, "Mobile, offshore, jack-up, marine platform adjustable for sloping sea floor".

444|Del|85. Alcan International Ltd., "Apparatus for the detection and measurement of suspended particulates in a molten metal". (Convention date June 11, 1984) (U.K.).

4th June, 1985

445|Del|85. Norton Company, "A batt of refractory material".

446|Del|85. Applications Mecaniques Et Robinetterie Industrielle (A.M.R.I.), "A sealing device providing the upstream|downstream sealing of a valve".

5th June, 1985

447|Del|85. Arcu Armaturindustri AB., "Lavatory cistern". (Convention date 4th April, 1985) (U.K.).

448|Del|85. Exxon Research and Engineering Co., "Improved alcohol recovery process".

449|Del|85. Eckel Manufacturing Co., Inc., "Power tongs with improved hydraulic drive".

450|Del|85. Alsthom Atlantique, "Apparatus for distributing cooling gas under a retaining sleeve at one end of a turbo-alternator rotor excitation winding".

451|Del|85. Rajwansh Bedi, "Beams for buildings and structures".

6th June, 1985

452|Del|85. Amoco Corporation, "Porous lithium electrodes and their use in nonaqueous electrochemical cells".

453|Del|85. Amoco Corporation, "Etched metal electrodes and their use in nonaqueous electrochemical cells".

7th June, 1985

454|Del|85. Jagdish Raj Chhabra, "Internal Combustion engine".

454|Del|85. Jagdish Raj Chhabra, "Internal Combustion engine and self testing memory in a gate array with bidirectional symmetry".

456|Del|85. Maghemite INC., "Dynamoelectric machine". (Convention date June 12, 1984 (U.K.).

457|Del|85. Lummus Industries, Inc., "Self cleaning roller gin and method of operating the same".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATES, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-13.

27-5-1985

137|BOM/85 Santrade Limited Apparatus for the production of granules.

138|BOM/85 Tata Engineering & Locomotive Co. Ltd. Haul Regenerative Repeater.

139|BOM/85 B.S. Moorjani A new compact plastic's flexible file clip.

28-5-1985

140|BOM/85 M.R. Shah Headlight wiper and panel switch (Push & Pull type) with indicating system.

31-5-1985

141|BOM/85 Y.S. Barve An improved STD pre-vactor.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLJAH ROAD, MADRAS-600 002.

27th May, 1985

385|MAs|85. Lucas Industries Public Limited Company. Improvements in liquid level indicators for vehicle hydraulic systems. (May 29, 1984; United Kingdom).

386|MAs|85. Mobil Oil Corporation. Catalytic Cracking Process.

387|MAs|85. Hoechst Aktiengesellschaft. Bipolar electrolysis apparatus with gas diffusion cathode.

388|MAs|85. Medical Technology Corporation. Diagnostic Test Specimen-preparation vial.

28th May, 1985

389|MAs|85. Pfister GmbH. A method and apparatus for continuous and gravimetric metering and feeding or pourable material.

390|MAs|85. The Boc Group, Inc., Agents for the removal of impurities from a molten metal and a process for producing same.

391|MAs|85. A. Ahlstrom Corporation. Method and means for controlling the operation of a circulating fluidised bed reactor.

392|MAs|85. Tate & Lyle Public Limited Company. Filter. (June 1, 1984; Great Britain).

393|MAs|85. Shell Internationale Research Maatschappij B.V., Reactor for non-isothermal reactions and process for the preparation of hydrocarbons using such a reactor. (May 29, 1984; Great Britain).

394|MAs|85. W. L. Gore & Associates, Inc., Polyurethane Prepolymers and Elastomers.

29th May, 1985

- 395|Mas|85. W. L. Gore & Associates, Inc. A dispensing pack for surgical sutures.
- 396|Mas|85. AEPLC. Method and apparatus for manufacturing plain bearings. (May 30, 1984; United Kingdom).

30th May, 1985

- 397|Mas|85. T. A. P. Vijayan. An improved road illumination system for vehicles.
- 398|Mas|85. Brush Wellman Inc., Copper Alloy.
- 399|Mas|85. Brush Wellman Inc., Processing of Copper Alloys.
- 400|Mas|85. Schlumberger Limited. Apparatus for microinductive investigation of earth formations.

31st May, 1985

- 401|Mas|85. The Dow Chemical Company. Corrosion Inhibitor for brines.
- 402|Mas|85. Worldwide Solar Group (Australia) Pty. Ltd., Solar Collector.
- 403|Mas|85. Hitchiner Manufacturing Co., Inc. Metal Casting.

1st June, 1985

- 404|Mas|85. Smt. N. A. Devi. A solid state variable frequency spark plug tester.
- 405|Mas|85. A. P. Aboobacker. A harmless tooth powder and tooth paste composition.
- 406|Mas|85. Nasir Mohammed Sial. Improvements in and relating to fuels.
- 407|Mas|85. Snamprogetti S.p.A. Process for the recovery of heavy constituents from hydrocarbon gaseous mixtures.
- 408|Mas|85. Nitrokemia Impantelepuk. Beta-cyclodextrine complex of benzene sulphonyl urea derivatives.

3rd June, 1985

- 409|Mas|85. BBC Brown, Boveri & Company Limited. Method for reducing dynamic overvoltages in an alternating-current system.

4th June, 1985

- 410|Mas|85. Maschinenfabrik Rieter AG. Pneumatic transport system for fibre flecks.

5th June, 1985

- 411|Mas|85. Buck Chemisch-Technische Werke GmbH & Co. & The Plessey Company PLC. Method for the protection of infrared-radiating targets, particularly ships, from missiles equipped with infrared homing heads.

- 412|Mas|85. Buck Chemisch-Technische Werke GmbH & Co. & Device for producing a decoy cloud, in particular in infrared decoy cloud.

- 413|Mas|85. Brush Wellman, Inc., Processing of copper alloys.

6th June, 1985

- 414|Mas|85. T. Vasudevan. 2 Automatic siphon.
- 415|Mas|85. V. Ramachandran. Rama's electronic pain killer-cum-hair darkener comb.
- 416|Mas|85. V. Ramachandran. Rama's electronic central nervous system stimulator.

417|Mas|85. Flonic. Gas Meter. (June 7, 1984; Ireland).

- 418|Mas|85. Owens-Illinois, Inc. Oriented-high density poly (Ethylene terephthalate).

7th June, 1985

- 419|Mas|85. The Dow Chemical Company. Optical pyrometer sight tube assembly for controlling a gas turbine.

- 420|Mas|85. The Dow Chemical Company. Ion Exchange Resins.

- 421|Mas|85. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. A method and an apparatus for preparing a cut thread end for restarting an open and spinning apparatus.

10th June, 1985

- 422|Mas|85. R. Muraleedharan. A device for igniting electronic lamps.

- 423|Mas|85. S. Sudarshan. A new type toilet soap.

- 424|Mas|85. Atochem. Process for the removal of dissolved gas from an aqueous solution of ethylene oxide.

- 425|Mas|85. Atochem. Process for the recovery of ethylene glycol in concentrated form.

11th June, 1985

- 426|Mas|85. Unicorn Private Limited. An extended fin solar heat exchanger.

- 427|Mas|85. Sura Vasudao. An electric line tester for automobiles.

- 428|Mas|85. Ajuminium Pechiney. Modular cathodic block and cathode having a low voltage drop for hall-heroult electrolysis tanks.

- 429|Mas|85. Sumitomo Chemical Company, Limited. Process for the production of an aminophenol.

- 430|Mas|85. Vaspipari Kft-ato es Fejleszto Vallalat. Process for the removal of contaminating elements from pig-iron, steel, other metals and metal alloys.

- 431|Mas|85. Flo-Con Systems, Inc., Valve, clamp, refractory and method.

- 432|Mas|85. Flo-Con Systems, Inc., Valve, clamp, refractory and method.

12th June, 1985

- 433|Mas|85. K. Kiran Commercial advertising media through moving vivid Dot matrix Led display unit.

- 434|Mas|85. H. K. Walvekar Mechanical Power Transmission—A.

- 435|Mas|85. H. K. Walvekar. Mechanical Power Transmission—B.

- 436|Mas|85. Stirling Technology Inc. Self pressurizing, crank-type stirling engine having reduced loading of displacer drive linkages.

- 437|Mas|85. BBC Brown, Boveri & Company Limited. Stator laminated core attachment in an electrical machine.

- 438|Mas|85. AGIP S.p.A. & ANIC S.p.A. Improved process for recovering metals from the corresponding metal halides.

- 439|Mas|85. Stork Screens B.V. Screen material for printing materials. (May 3, 1985; New Zealand).

- 440|Mas|85. AGIP S.p.A. & ANIC S.p.A. Process for obtaining silicon or transition metals from their halides.

441|Mas|85. Kontiki Chemicals & Pharmaceuticals (P) Ltd. Process for the preparation of controlled release system based on coconut shell derivative for sandalwood oil.

13th June, 1985

442|Mas|85. Clextral. Process for increasing the value of a wet vegetable or animal product and nutritive product produced by this process.

443|Mas|85. Shell Internationale Research Maatschappij B.V., Process for the preparation of hydrocarbons.

444|Mas|85. Sobrevin Societe de brevete industriels-Etablissement. Thread storage and feed.

#### ALTERATION OF DATE

156416.

(119|Del|79)

Ante dated to 23rd June, 1976.

156426.

(663|Cal|84)

Ante-dated to 12th October, 1981

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CLASS : 54-B.; 69-A & B

156409

Int. Cl. : H 01 h 85/00.

#### AN ELECTRICAL FORKED CONTACT ASSEMBLY FOR RECEIVING A BRIDGING CONTACT BLADE SUCH AS AN ELECTRIC FUSE.

Applicant & Inventor : BO WENNERSTEN, OF KUNGSGATAN 19, 199.00 ENKOPING SWEDEN.

Application No. 258|Cal|75 filed February 12, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims.

An electrical forked contact assembly for receiving a bridging contact blade such as an electric fuse, said forked contact assembly comprising a pair of metallic contact members, each member including a first elongate part, a second elongate part extending from one end of said first part in a predetermined direction at right angles thereto, and a slot which extends along both of the elongate part of that contact member, the contact members being arranged with the second parts parallel to each other, so that, in use, a contact blade can be inserted into the slot in contact members to form a bridge between the second parts thereof by movement in said direction substantially parallel to the said second parts and a current can be applied to one contact member, through the contact blade and thence through the other contact member, wherein the forces exerted by the current upon the contact blade act mainly in the direction of insertion of the contact blade into the forked contact, the direction of current flow in the first part of each of the contact members being the same as that through the contact blade, the direction of current flow in the second part of the said one contact member being substantially the same as the direction of insertion of the contact blade into the forked contact, and the direction of current flow in the second part of the said other contact member being substantially opposed to said direction of insertion.

Compl. Specn. 8 pages. Drgs. 1 sheet.

CLASS : 69-G & M.

156410.

Int. Cl. : H 01 h 3/00.

#### AN ACTUATING DEVICE SUITABLE FOR THE ROTARY ACTUATION OF AN ELECTRICAL SWITCH.

Applicant & Inventor : BO WENNERSTEN, OF 19 KUNGSGATAN 199.00, ENKOPING, SWEDEN.

Application No. 259|Cal|75 filed February 12, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims.

An actuating device suitable for the rotary actuation of an electrical switch, said device comprising a female coupling which is mounted for rotational movement around an actuating shaft which carries a male coupling, the female coupling comprising two components which each include shaped apertures which are axially displaced and which correspond to the shape of the male coupling, the two components of the female coupling being rotatable freely relative to one another so that in certain rotational positions relative to the shaft the device is in an open condition with said apertures in rotational registration with each other to permit the male coupling to be pushed axially into the female coupling the male coupling passing freely through the aperture in one of the female coupling components and inserted into the aperture in the other female-coupling component so as to engage said other component for conjoining rotation, and to be withdrawn axially from the female coupling, and in certain other rotational positions, the device is in a interlocked condition in which said apertures are not in rotational registration with each other thereby locking the male coupling by preventing axial movement of the male coupling into or out of the female coupling.

Compl. Specn. 8 pages Drgs. 2 Sheets.

CLASS : 143-D<sub>5</sub>.

156411.

Int. Cl. : B 65 b 19/00.

#### AUTOMATIC APPARATUS FOR TRANSFERRING CIGARETTE CONTAINERS FROM DEVICE FROM DEVICES ARRANGED TO FILL SUCH CONTAINERS TO HOPPER LOADING MECHANISM IN PACKAGING MACHINE FOR FORMING PACKETS OF CIGARETTES

Applicant : G. D. SOCIETA PER AZIONI, OF VIA POMPONIA, 10, BOLOGNA, ITALY.

Inventor 1. SERAGNOLI ENZO.

Application No. 2337|Cal|75 filed December 15, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An apparatus arranged to contact  $n$  cigarette manufacturing machines and a cigarette container feeding apparatus to the loading mechanism of the grouping hopper arranged to feed groups of cigarettes to the wrapping line of a packeting machine, said  $n$  manufacturing machines each comprising a device for filling single successive containers, the device having stations at which empty containers are rhythmically supplied and removed, respectively, said feeding apparatus having a plurality of stepwise moving conveyor devices for conveying full and empty containers and to respectively form a storing and delivering zone for full containers to compensate for frequently occurring output unbalances between the same operating machine and each defining at each step an arrival station and/or a removal station for the respective containers, and said loading device comprises a moving member arranged to receive a container filled with cigarettes and to unload it into said hopper and being controlled by an electro-sensitive device arranged to detect the end of the unloading of said container of cigarettes and to control the cyclic repetition of the unloading operations of successive containers, the output speed  $v$  in the time unit of the packeting machine being substantially equal to the sum of the operating speed in the time unit of the  $n$  manufacturing machines and the operating speed of each of said  $n$  machines being equal to  $v$ , characterized in that it comprises, for each of the said  $n$  manufacturing machines, a transfer device having a pair of conveying devices connected to the arrival and removal stations, respectively, for full and empty containers of said filling device for full and empty containers of said filling device for the manufacturing machines having stepwise moving conveyor devices for conveying full and empty containers of the feeding device as one conveyor device provided with a bidirectional intermittent movement and a transformer device, a memory device connected to each manufacturing machine and to the packeting machine being arranged to control actuating means of each transformer device once every  $n$  steps of said stepwise moving conveyor device so as to transfer empty containers from the stepwise moving conveyor device arranged to convey empty containers to the arrival station for empty containers of the filling device of the respective manufacturing machine when the latter and the packeting machine are running and to said respective store conveyor device when the packeting machine is running and the respective manufacturing machine is stationary and from said store conveyor device to said arrival station for empty containers of the filling device of the respective manufacturing machine when the latter is running and said packeting machine is stationary.

Compl. Specn. 50 pages. Drgs. 6 sheets.

CLASS : 12-D & 188.

156412.

Int. Cl. : C 21 d 1|00; C 23 c 17|00.

METHOD OF PRETREATING CARBON STEEL AND SHEET STOCK FOR FLUXLESS HOT DIP METAL COATING.

Applicant : ARMCO STEEL CORPORATION AT 703 CURTIS STREET, MIDDLETON OHIO, UNITED STATES OF AMERICA

Inventors : 1. FRED BYRD, 2. THOMAS ALLEN COMPTON, 3 MARVIN BRILL PIERSON, 4. FRANK CURTISS DUNBAR.

Application No. 1531|Cal|75 filed August 5, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of pre-treating carbon steel strip and sheet stock for fluxless hot dip metallic coating comprising the steps of heating said strip and sheet stock in a furnace heated by direct combustion of fuel and air therein and in an atmosphere containing from 3% by volume oxygen to 2% by volume excess

combustibles in the form of hydrogen and carbon monoxide, controlling the temperature of the stock within the range of 540° to 705°C., and thereafter heating said stock in a subsequent furnace containing at least 5% hydrogen by volume and balance essentially nitrogen to a temperature of at least 675°C.

Compl. Specn. 14 pages. Drgs. 2 sheets.

CLASS : 143-D.

156413.

Int. Cl. : B 65 b 11|00.

CYCLIC-TYPE AUTOMATIC MACHINE FOR THE CONDITIONING OF PRISMATIC PRODUCTS PROVIDED WITH ELECTRICALLY SYNCHRONIZED OPERATING MEMBERS.

Applicant : G. D. SOCIETA PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor : 1. ENZO SERAGNOLI.

Application No. 1032|Cal|76 filed June 14, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Cyclic-type automatic machine for the conditioning of prismatic products comprising a plurality of operating members each provided with a periodical motion in an operative cyclic-phase relationship with the others, said operating members being interlinked to at least one common continuously rotating phase synchronizer of the machine characterized in that it comprises a pulse generator associated to said continuously rotating phase-synchronizer and adapt to gate a sequence of at least two series of phase shifted isofrequen-tial pulses; a logical frequency multiplier elements of or exclusive type connected to said pulse generator a counter connected to the output of said logical exclusive type element; and a code converter connected to said counter and having a plurality of outputs each connected to the interlinking members of the machine

Compl. Specn. 20 pages. Drgs. 3 sheets.

CLASS : 31-C; 40-F.

156414.

Int. Cl. : H 01 c 11/00.

PROCESS FOR MANUFACTURING ELECTRICAL APPARATUS AND LIQUID ELECTROLYTE RESISTANCE RFOSTATS SO MANUFACTURED.

Applicant : ASSOCIATION DES OUVRIERS EN INSTRUMENTS DE PRECISION, OF 8-14 RUE CHARLES FOURIER, PARIS, FRANCE.

Inventors : 1. DAVID BONO, 2 DANIELLE MARIE-ANNE HERBEVELINE BONO, BORN FLOCH.

Application No. 1850|Cal|76 filed October 11, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for manufacturing an electrical apparatus particularly liquid electrolyte resistance rheostats comprising at least one liquid electrolyte, particularly one alkaline electrolyte, characterised by the step of superimposing a layer of oily material and a layer of granules of synthetic material preferably of plastics material of a density lower than or equal to that of the electrolyte, on the free surface of the electrolyte, thereby the speed of evaporation of the electrolyte is strongly reduced.

Compl. Specn. 7 pages. Drgs. Nil.

CLASS : 9-B.

156415.

Int. Cl. : C 22 c 23|00.

**METHOD OF MAKING A MAGNESIUM BASED ALLOY HAVING ADVANTAGEOUS MECHANICAL PROPERTIES.**

Applicant : MAGNESIUM EKTRON LIMITED, OF LUMAN'S LANE, CLIFTON JUNCTION, SWINTON, MANCHESTER, M27 2LS, ENGLAND.

Inventors : 1. WILLIAM UNSWORTH, 2. KING JOHN FREDERICK, 3. LEE BRADSHAM STEPHEN.

Application No. 2223|Cal|76 filed December 1, 1976.

Convention dated 17th December, 1975 (51612|75) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims.

A method of making a magnesium based alloy having advantageous mechanical properties which comprises adding a small quantity of lithium as herein stated to a magnesium-silver neodymium alloy to provide the desid alloy containing by weight (other than iron and other impurities) :

Mg	at least 88%
Ag	1.6—3.5%
Rare earth metals of which at least 60% is neodymium	0.1—2.3%
Th	0—2.3%
Y	0.1—2.5%
Zn	0—0.5%
Cd	0—1.0%
Li	0—6.0%
Ca	0—2.8%
Ga	0—2.0%
In	0—2.0%
Tl	0—5.0%
Pb	0—1.0%
Bi	0—1.0%
Cu	0—0.15%
Zr	0—1.0%
Mn	0—2.0%

the amount of rare earth metals and Th not exceeding 3.0% and when no more than 0.5% of Y is present the minimum amount of Th is defined by the equation  $[Th] = 0.5 - [Y]$

4

where [Th] and [Y] are the amounts % of Th and Y respectively, the maximum contents of Zr and Mn being limited by their mutual solubility.

Compl. Specn. 13 pages. Drgs. Nil.

CLASS: 27-C &amp; I. 156416.

Int. Cl. : B 28 b 7|32, 21|20, 21|86.

**APPARATUS FOR FORMING A CONTINUOUS CASTING OF CONCRETE OR OTHER SIMILAR STRUCTURE.**

Applicant & Inventor : KANDIAH THARMA NAYAGAM, OF 6B, 2ND FLOOR, LORONG MEDAN TUANKU SATU, KUALALUMPUR, MALAYSIA.

Application No. 119|Del|79 filed February 19, 1979.

Convention dated 26th June, 1975 (27090|75) U.K.

Division of Application No. 110|Cal|76 dated 23rd June, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

—167 GI/85

## 10 Claims.

Apparatus for forming a continuous casting of concrete or other similar structure, comprising a casting bed, shuttering means provided at one end of the casting bed, an inflation machine capable of travelling movement lengthwise of the casting bed, and a rigid core former device connected to the inflation machine whereby, in use, by moving the inflation machine in a step-by-step manner relative to the casting bed, the continuous casting is formed in integral sections, said core former device comprising a pair of rigid core former device for use in the construction of concrete or other structures, comprising a pair of interengaging former elements each element having at least one shaping surface, a resilient open-ended sleeve surrounding the former elements and serving normally to bias the elements into a first position, and means for moving the former elements relative to one another, against the action of the resilient sleeve, into a second position.

Compl. Specn. 10 pages. Drgs. 3 sheets.

CLASS : 146-E.

156417.

Int. Cl. : G 01 k 1|00.

**METHOD OF MAKING A CLINICAL MONOCOQUE GLASS THERMOMETER AND A CLINICAL MONOCOQUE CLASS THERMOMETER MANUFACTURED THEREBY.**

Applicant & Inventor : SEYMOUR NORMAN BLACKMAN, OF 284 EAST PALISADES AVENUE, ENGLEWOOD, NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 249|Cal|75 filed February 11, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 16 Claims

In a method of manufacturing a monocoque clinical glass thermometer having a stem and a bulb formed integrally therewith, that improvement comprising the steps of :

placing a thermometer blank having a capillary bore therein extending the length thereof in a vertical position.

subjecting a portion of said blank adjacent the bottom thereof to heat above the flow temperature of the glass until the heated portion elongates under the force of gravity on said heated portion and on the adjacent portion of the blank beneath the heated portion,

the heated portion stretching until it breaks and the part beneath the break falls off,

the portion of the blank above the break which now is the lower tip of the blank assuming a downwardly tapering conical configuration,

the lower end of the capillary bore being sealed within the upper part of said conical lower tip,

placing the said tip, the glass of which still is hot enough to flow, in a one-piece open-topped die cavity,

introducing gas under pressure into the open upper end of the capillary bore so as to expand the sealed lower end of the capillary bore whereby to form pocket which forces the glass of the tip downwardly and outwardly as the pocket expands until the outer surface of the tip assumes the configuration of the cavity where the tip engages the walls of the cavity, whereby the side and bottom walls of the bulb formed by the pocket have substantially the same wall thicknesses and the bulb thus formed is in one piece with the remainder of the blank.

Compl. Specn. 22 pages. Drgs. 2 sheets.

CLASS : 127-I; 143-D<sub>4</sub>.

156418.

Int. Cl. : B 23 q 5|28.

**DEVICE FOR REDUCING NOISE IN GEAR WHEEL COUPLINGS WITH A HIGH SAFETY DEGREE.**

Applicant: G. D. SOCIETAPER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor : 1. ENZO SFRAGNOLI.

Application No. 129|Ca|76 filed January 22 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims

A highly safe device for reducing noise produced in gear wheel couplings in the motion transmission and distribution line, particularly of wrapping and packing machines operating at very high output speed, operatively connected to at least one of the gear wheels in said line, characterized in that it comprises two co-axial and opposite gears having the same number of angularly coincident teeth, one of the said gears being formed of rigid metal material and the other consisting of tough and elastically yielding material.

Compl. Specn. 8 pages. Drgs. 1 sheet.

CLASS : 162.

156419.

Int. Cl. : D 07 b 1|00.

**SPICELESS CABLE AND METHOD OF FORMING SAME.**

Applicant: AMERICAN CHAIN & CABLE CO., INC., AT 929 CONNECTICUT AVENUE, BRIDGEPORT, STATE OF CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : 1. WILLIAM JOHN GILMORE.

Application No. 235|Cal|76 filed February 9, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 19 Claims.

A method of fabricating a longitudinally extending stepped strand structure including: stranding a first strand wire about a first core wire component; bonding a second core wire component, of smaller diameter than the first core wire component, to the first core wire component; bonding a second strand wire, of smaller diameter than the first strand wire, to the first strand wire; and stranding the second strand wire about the second core wire component.

Compl. Specn. 20 pages. Drgs. 1 sheet.

CLASS : 132-D.

156420.

Int. Cl. : B 29 b 1|04, B 01 f 7|00.

**MALAXATION APPARATUS FOR THE CONTINUOUS TWO-STAGE PREPARATION OF A MIXTURE OF A GRANULAR/PULVERULENT CHARGE AND A BINDER-HARDENER SYSTEM.**

Applicant: SOCIETE D' APPLICATIONS DE PROCESSES INDUSTRIELS ET CHIMIQUES S.A.P.I.C., OF 32, RUDE ANDRE CAYRON 92600 ASNIERES, FRANCE.

Inventor : 1. GFRARD YVES RICHARD.

Application No. 599|Cal|76 filed April 6, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

Malaxation apparatus for the continuous two-stage preparation of a mixture of a granular/pulverulent charge and a binder-hardener system whereby the charge and one constituent of the binder-hardener system are combined to form a pre-mix followed by admixture to such pre-mix of the other constituent of the binder-hardener system which apparatus comprises first malaxation means for forming a homogeneous pre-mix of said charge and said one constituent, second malaxation means embodying agitation means operable to obtain intimate and homogeneous a mixture of said pre-mix and said other constituent within a few seconds followed by immediate evacuation of the resultant mixture from said second means, at least said second means being characterized by a mixing vessel having a cylindrical or conically tapered inner wall, a drive shaft extending coaxially in said vessel, a plurality of arms extending radially from said shaft and a hammer on the radially outer end of each arm, said hammers respectively having a clearance with inner wall, as they orbit upon rotation of said shaft, of only a few millimeters to provide thin film malaxation of the constituents of said resultant mixture.

Compl. Specn. 37 pages. Drgs. 1 sheet.

Class : 146-L<sub>2</sub>; 113-H

156 21

Int. Cl. : G 02 f 1|34, G 05 d 3|02, 25|00.

**APPARATUS FOR USE WITH A LIGHT SOURCE FOR VARYING THE INTENSITY OF LIGHT THEREFROM.**

Applicant & Inventor: ROBERT EDWARD GOTTSCHALK, OF 10663 CHALON ROAD, CITY OF LOS ANGELES, STATE OF CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 656 Cal 76 filed April 19, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

An apparatus for use with a light source for varying the intensity of light received from said source comprising: a housing; a plurality of members each pivotally mounted for relative movement in said housing, each of said plurality of members having at least first and second surface areas either of which may be turned toward said light means to receive light from said surface by pivoting said member relative to said housing, said first surface area having an average reflectivity different from the average reflectivity of said second surface area; and means for turning said members relative to said housing, said members being arranged in the housing, said member being arranged in the housing behind the light source to form a reflector having variable reflectivity.

Compl. Specn. 15 pages. Drgs. 3 sheets.

CLASS : 29-D; 67-C.

156 22.

Int. Cl. : G 06 f 7|10, 7|14.

**A COMPUTER FOR EXECUTING DATA PROCESSING INSTRUCTIONS.**

Applicant: TELEFONAKTIEBOLAGET I M ERICSSON S-126 25 STOCKHOLM SWEDEN.

Inventors: 1. KARL-JOHN WERNER CARLSSON, 2. ERIC IVAR SJOQUIST.

Application No. 732|Cal|76 filed April 27, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

A computer for executing data processing instructions read from an instruction memory of the computer during successive read phases, each such instruction being transferred in use of the computer during its read phase from the instruction memory through a common instruction transfer path of the computer to a number of function units of the computer, the computer being adapted so that :—

(a) there is an execution period for an instruction of a first type in use of the computer, in which period there are steps to select one of the function units and to order the performance of a function determined by means of the first instruction type,

(b) there is an execution period from instruction of a second type in use of the computer, which instruction includes steps to select first and second ones of the function units, to transfer data between the two selected function units through a data transfer path common to all functions units and to order the function unit which receives data to use the data in the performance of a function determined by means of the instruction of the second type, the execution period for the instruction of the second type in use of the computer including a first part during which one of the two function units is ordered to transmit data, a second part during which actual data is transferred from one of the function units to the data transfer path and a third part during which the other of the two function units receives the actual data,

(c) the said second and third execution period parts substantially coincide for such an instruction of the second type,

(d) the execution period for such an instruction of the first type and the first execution period part for such an instruction of the second type respectively are finished during the respective read phase, and

(e) such coinciding execution period parts substantially coincide with the read phase of the following instruction.

Compl. Specn. 10 pages. Drgs. 2 sheets.

CLASS : 40-B; 56-G.

156423

Int. Cl. : B01 j 11/00.

**METHOD FOR THE PREPARATION OF AN EXTRUDED CATALYST FOR EMPLOYMENT IN THE HYDRO-DESULFURIZATION OF RESIDUAL FUEL OILS.**

Applicants : UOP INC., OF TEN UOP PLAZA-ALGONQUIN AND MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventors : 1. STANLEY ARTHUR GEMBICKI, 2. STEFAN H. AESCHBACH.

Application No. 2171|Cal|76 filed December 8, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims

A method for the preparation of an extruded catalyst intended for employment in the hydrodesulfurization of residual fuel oils, which comprises :

(a) admixing a finely divided refractory inorganic oxide such as herein described, a peptizing agent such as herein described and sufficient water to produce a mixture characterized by a weight loss on ignition at 900°C. of from 50 to 70%;

(b) maintaining said mixture under shear-mixing conditions such as herein described, the intensity of said shear-mixing being characterized by an energy input equivalent to from 15 to 120 watt-hours per pound of dry refractory inorganic oxide contained in said mixture over a period of from 0.5 to 5 minutes;

(c) extruding the resulting mixture and drying and calcining the extrudate.

Compl. Specn. 22 pages.

Drgs. Nil.

CLASS : 40-F.

156424

Int. Cl. B01 j 11/00.

**PROCESS FOR REACTING AMMONIA AND WET PROCESS PHOSPHORIC ACID FOR THE PRODUCTION OF AMMONIUM PHOSPHATES.**

Applicant : FISONS LIMITED, OF FISON HOUSE, 9 GROSVENOR STREET, LONDON, ENGLAND.

Inventor : 1. JOHN DICKINSON CHAPMAN.

Application No. 2245|Cal|76 filed December 22, 1976.

Convention dated 24th December, 1975 (52765|75) U.K. and 16th October 1976 (43053|76) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 17 Claims

A process for reacting ammonia and wet process phosphoric acid which process comprises feeding the reagents to a vessel comprising two tubular members in fluid flow communication with one another and with a gas disengagement vessel, at least one of said tubular members being generally upright, the ammonia being fed to the basal portion of the upright member, the phosphoric acid being fed to the other tubular member; allowing the resultant reaction mixture to circulate spontaneously up the upright member, through the gas disengagement vessel and through the other member to the upright member; and recovering reaction product from the reaction system.

Compl. Specn. 20 pages.

Drg. 1 sheet.

CLASS : 130-F.

156425

Int. Cl. : B01 j 4/00.

**ROTATING SLIDE CLOSURE FOR A MELTING CONTAINER.**

Applicant : STOPING AKTIENGESELLSCHAFT, ZUGER STR. 76a, CH-6340 BAAR, SWITZERLAND.

Inventors : 1. ROBERT ZAUGO, 2. WERNER KELLER.

Application No. 741|Cal|82 filed June 24, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims

Rotating slide closure for a melting container, with a fireproof closure part arranged rigidly on the melting container in continuation of a pouring channel and a rotatable fireproof closure part constructed as a ring, possessing several flow apertures and resting with a plane sliding surface on the fixed closure part, characterized in that the rigid closure part (26)

is also constructed in ring-shaped manner and held like the rotatable closure part (30) in a plate-shaped metallic frame (24), and that the two plate-shaped frames (24, 34) are centered in relation to one another and axially braced by means of a bolt arrangement (12, 43) centered on the one frame (24) and extending through the central aperture of both rings (20, 30).

Compl. Specn. 10 pages.

Drgs. 1 sheet.

CLASS : 83-A<sub>2</sub>.

156426

Int. Cl. : A23 p 11

#### A PROCESS FOR THE PRODUCTION OF AN EDIBLE MATERIAL.

Applicant : MARS C. P. LIMITED, OF 143-149 FINSCHURCH STREET, LONDON EC3M 6BN, ENGLAND.

Inventors : 1. ALAN JOHN VERNON, 2. PETER ARTHUR CHEMERY, 3. JOHN STARES.

Application No. 663101184 filed September 20, 1984.

Convention dated 9th October, 1980 (8032684) U.K.

Division of Application No. 111610181 dated 12th October, 1981.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 10 Claims

A process for the production of an edible material having a pH between 5 and 8 and comprising proteinaceous material dispersed in and bound together by a thermo-irreversible gelled aqueous phase, which comprises dispersing a proteinaceous material together with a gelable system of at least one glucomannan and at least one carrageenan in water and heating the dispersion to a temperature of at least 50°C for a period of up to 16 hours such as to form a thermo-irreversible gel in the aqueous phase.

Compl. Specn. 28 pages.

Drgs. Nil.

#### OPPOSITION PROCEEDINGS

##### (1)

An opposition has been entered by Research, Designs and Standards Organisation to the grant of a patent on application No. 148536 made by Robert Vivion as notified in the Gazette of India, Part-III, Section 2, dated the 24th October, 1981 has been treated as withdrawn.

##### (2)

An opposition has been entered by Shri Lanka Tea Board and Colombo Commercial Company (Engineers) Limited to the grant of a patent on application No. 154364 made by Somnath Roy as notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been treated as withdrawn.

#### CLAIM UNDER SECTION 20(1), OF THE PATENTS ACT 1970

##### (1)

The claim made by KMK Karl Magerle Lizenz AG. under Section 20(1) of the Patents Act 1970 to proceed the application for Patent No. 153473 in their name has been allowed.

##### (2)

The claim made by Gas Sweetener Associates under Section 20(1) of the Patents Act 1970 to proceed the application for Patent No. 153580 in their name has been allowed.

##### (3)

The claim made by Roulements Nadella S.A. under Section 20(1) of the Patents Act 1970 to proceed the application for Patent No. 155089 in their name has been allowed.

#### PATENTS SEALED

153148 153149 153156 153403 153329 153331 153543 153544  
153545 153546 153547 153548 153549 153550 153551 153564  
153575 153578 153587 153595 153598 153686 153697 153707  
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#### AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Socie-Societe Anonyme De Participations Financieres Et Industrielles a France Company of 52, Boulevard Victor Hugo, F92209 Neuilly Sur Seine, France have made an application under Section 57 of the Patents Act 1970 for amendment of application, specification and drawings of their Patent application No. 152701 for "Process and apparatus for the fabrication of molten glass." The amendments are by way of changing name "from Saint-Gobain Industries" to "Socie-Societe Anonyme De Participations Financieres Et Industrielles." The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition Form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said Notice.

#### RENEWAL FEES PAID

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## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

**Class 1.** No. 155505. Super Agricultural Industries whose address is G.T. Road, Karnal (Haryana) (Indian Partnership Concern). "Seed spreader cum fertiliser". 18th March, 1985.

**Class 1.** No. 154974. Todi Metal Industries, having its registered office at Todi Udyog Kendra, 35, Saki Vihar Road, Pombay-400 072, Maharashtra, India, a sole proprietary concern. "Spoon". 20th October, 1984.

**Class 1.** No. 155544. United States Surgical Corporation, a Corporation of the State of New York, having its office at 150, Glover Avenue, Norwalk, Connecticut 06850, U.S.A., "Surgical Fastener 1". 30th March, 1985.

**Class 1.** No. 155546. United States Surgical Corporation, a Corporation of the State of New York, having its office at 150, Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Surgical Fastener 3". 30th March, 1985.

**Class 1.** No. 155409. Super Agricultural Industries whose address is G.T. Road, Karnal (Haryana) (Indian partnership concern). "Wheat Thresher". 18th February, 1985.

**Class 3.** No. 155107. Hindustan Vacuum Glass Limited, Sanskriti Bhawan, Jhandewallan, New Delhi, (a company incorporated under the Indian Companies Act, "Vacuum Flask Thermos"). 29th November, 1984.

**Class 3.** No. 155211. The Goodyear Tire & Rubber Company, a corporation organized under the laws of the State of Ohio, United States of America, of 1144 East Market Street, Akron, Ohio-44316-0001, United States of America. "Tire for a vehicle wheel". 22nd December, 1984.

**Class 3.** No. 155705. Eagle Flask Pvt. Limited, (an existing Indian Company) at Eagle Estate, Talegaon-410507, Dist. Pune, State of Maharashtra, India. "Vacuum Flask". 25th May, 1985.

**Class 3.** No. 155699. Milton Plastics, a registered Indian Partnership Firm, registered under the Indian partnership Act, 1932, having office at 202/203, Raheja Centre, 214, Nariman Point, Bombay-400021, Maharashtra, India. "Flask". 24th May, 1985.

**Class 3.** No. 155545. United States Surgical Corporation, a Corporation of the State of New York, having its office at 150, Glover Avenue, Norwalk, Connecticut 06850, U.S.A., "Surgical Fastener 4". 30th March, 1985.

**Class 3.** No. 155547. United States Surgical Corporation, a Corporation of the State of New York, having its office at 150, Glover Avenue, Norwalk, Connecticut 06850, U.S.A., "Surgical Fastener 4". 30th March, 1985.

**Class 3.** No. 155704. Eagle Flask Pvt. Limited, (an existing Indian Company) at Eagle Estate, Talegaon-410507, Dist. Pune, State of Maharashtra, India. "Vacuum Flask". 25th May, 1985.

*Extn. of copyright for the Second period of five years.*

Nos. 155200, 155084, 149602, 149441, 149442, . . . . . Class-1.

Nos. 155081, 149687, 149437, 149371, . . . . . Class-3.

Nos. 155192, . . . . . Class-6.

*Extn. of copyright for the Third period of five years.*

Nos. 155200, 155084, . . . . . Class-1.

Nos. 155081, 149687, . . . . . Class-3.

No. 155192, . . . . . Class-6.

R. A. ACHARYA  
Controller General of Patents, Designs  
and Trade Marks

